Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP012820\
Data File : BP001702.D
Acq On : 28 Jan 2020 12:41
Operator : CG/JU
Sample : L1008-21MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-02-012420MS

Manual Integrations APPROVED
mohammad
1/30/2020 10:17:08 AM

Quant Time: Jan 28 22:36:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 24 22:23:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	22494	20.00	ng	-0.01
21) Naphthalene-d8	10.33	136	93992	20.00	ng	-0.01
39) Acenaphthene-d10	14.21	164	72713	20.00	ng	-0.01
64) Phenanthrene-d10	16.97	188	180914	20.00	ng	-0.01
76) Chrysene-d12	21.09	240	186481	20.00	ng	0.00
87) Perylene-d12	23.29	264	197507	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	133518	116.27	ng	0.00
7) Phenol-d6	6.76	99	180090	98.13	ng	0.00
23) Nitrobenzene-d5	8.70	82	163727	76.12	ng	-0.01
42) 2,4,6-Tribromophenol	15.72	330	103786	93.77	ng	-0.01
45) 2-Fluorobiphenyl	12.83	172	373715	75.57	ng	-0.01
79) Terphenyl-d14	19.57	244	746352	73.20	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	12164	33.193	ng	# 1
3) Pyridine	3.50	79	18975	14.329	ng	90
4) n-Nitrosodimethylamine	3.42	42	39969	42.586	ng	# 92
6) Aniline	6.89	93	56475	24.611	ng	96
8) 2-Chlorophenol	7.13	128	53240	39.713	ng	97
9) Benzaldehyde	6.70	77	34394	31.376	ng	92
10) Phenol	6.78	94	68235	35.943	ng	98
11) bis(2-Chloroethyl)ether	6.99	93	54986	36.931	ng	93
12) 1,3-Dichlorobenzene	7.44	146	53313	31.637	ng	95
13) 1,4-Dichlorobenzene	7.59	146	54560	31.311	ng	97
14) 1,2-Dichlorobenzene	7.90	146	54357	32.280	ng	99
15) Benzyl Alcohol	7.80	79	64516	37.330	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.08	45	106603	38.541	ng	98
17) 2-Methylphenol	8.02	107	52650	39.944	ng	97
18) Hexachloroethane	8.62	117	22234	32.685	ng	90
19) n-Nitroso-di-n-propylamine	8.36	70	55332	39.547	ng	87
20) 3+4-Methylphenols	8.34	107	67484	36.603	ng	97
22) Acetophenone	8.37	105	95577	36.275	ng	# 91
24) Nitrobenzene	8.74	77	83936	38.572	ng	95
25) Isophorone	9.26	82	151623	39.309	ng	98
26) 2-Nitrophenol	9.45	139	30719	37.354	ng	94
27) 2,4-Dimethylphenol	9.53	122	56415	45.919	ng	99
28) bis(2-Chloroethoxy)methane	9.76	93	82086	36.327	ng	99
29) 2,4-Dichlorophenol	9.99	162	62167	36.967	ng	98
30) 1,2,4-Trichlorobenzene	10.20	180	67622	33.309	ng	98
31) Naphthalene	10.38	128	174220	35.121	ng	99
32) Benzoic acid	9.86	122	7356m	10.704	ng	
33) 4-Chloroaniline	10.50	127	22775	9.972	ng	# 92
34) Hexachlorobutadiene	10.68	225	44350	30.861	ng	97
35) Caprolactam	11.25	113	16162m	26.466	ng	
36) 4-Chloro-3-methylphenol	11.65	107	74316	36.822	ng	96
37) 2-Methylnaphthalene	12.00	142	139466	35.278	ng	95
38) 1-Methylnaphthalene	12.23	142	132351	34.789	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.38	216	89608	35.975	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.36	237	43312	34.280	ng		97
43) 2,4,6-Trichlorophenol	12.63	196	54798	34.112	ng		97
44) 2,4,5-Trichlorophenol	12.71	196	59641	34.938	ng	#	90
46) 1,1'-Biphenyl	13.03	154	192650	36.974	ng		99
47) 2-Chloronaphthalene	13.07	162	153521	35.451	ng		99
48) 2-Nitroaniline	13.29	65	68587	40.313	ng		96
49) Acenaphthylene	13.93	152	251735	37.692	ng		99
50) Dimethylphthalate	13.68	163	231093	38.586	ng		99
51) 2,6-Dinitrotoluene	13.79	165	46500	36.613	ng		87
52) Acenaphthene	14.27	154	144441	34.920	ng		97
53) 3-Nitroaniline	14.12	138	27134	20.235	ng		99
54) 2,4-Dinitrophenol	14.34	184	23237	32.541	ng	#	82
55) Dibenzofuran	14.62	168	255495	36.527	ng		99
56) 4-Nitrophenol	14.47	139	57576	53.771	ng		93
57) 2,4-Dinitrotoluene	14.59	165	65999	35.516	ng		87
58) Fluorene	15.27	166	208414	36.822	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.86	232	54166	30.728	ng		100
60) Diethylphthalate	15.06	149	217697	35.342	ng		99
61) 4-Chlorophenyl-phenylether	15.27	204	115647	35.701	ng		98
62) 4-Nitroaniline	15.30	138	44656	29.210	ng		94
63) Azobenzene	15.57	77	253141	41.129	ng		94
65) 4,6-Dinitro-2-methylphenol	15.36	198	27803	28.425	ng		85
66) n-Nitrosodiphenylamine	15.49	169	185363	38.675	ng		99
67) 4-Bromophenyl-phenylether	16.17	248	73199	35.865	ng		98
68) Hexachlorobenzene	16.29	284	80655	34.014	ng		98
69) Atrazine	16.46	200	79956	45.424	ng		99
70) Pentachlorophenol	16.64	266	60840	46.459	ng		99
71) Phenanthrene	17.02	178	359309	36.520	ng		99
72) Anthracene	17.11	178	367748	38.395	ng		99
73) Carbazole	17.39	167	323619	35.989	ng		100
74) Di-n-butylphthalate	17.96	149	386358	36.316	ng		98
75) Fluoranthene	19.00	202	470857	36.371	ng		99
77) Benzidine	19.19	184	151760	35.641	ng		98
78) Pyrene	19.36	202	484160	35.344	ng		99
80) Butylbenzylphthalate	20.26	149	183592	35.263	ng		99
81) Benzo(a)anthracene	21.07	228	483102	37.198	ng		99
82) 3,3'-Dichlorobenzidine	21.01	252	104599	21.478	ng		98
83) Chrysene	21.12	228	454533	35.913	ng		99
84) Bis(2-ethylhexyl)phthalate	21.03	149	265292	37.170	ng		98
85) Di-n-octyl phthalate	21.89	149	449563	39.503	ng	#	94
86) Indeno(1,2,3-cd)pyrene	25.53	276	466171	31.465	ng	#	96
88) Benzo(b)fluoranthene	22.63	252	471110	37.853	ng		98
89) Benzo(k)fluoranthene	22.67	252	472452	38.934	ng		97
90) Benzo(a)pyrene	23.20	252	421916	35.704	ng	#	99
91) Dibenzo(a,h)anthracene	25.54	278	388482	31.863	ng	#	98
92) Benzo(g,h,i)perylene	26.22	276	378494	31.227	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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